Quiz 12 Report

12/2/2019

1. Summary

Total number of students	12
Attended	11
Missed	1
Average grade	8.59
Standard deviation of grades	1.09

Quiz 12 Grade Distribution

Grade	Number of Students
0-3	0
3-4	0
4-5	0
5-6	0
6-7	2
7-8	3
8-9	2
9-10	4

Quiz 12 Comparison with Previous Years

Legend: Average — Standard Deviation — Average Over 2014-2019

Year	Average	Standard Deviation
2019	8.59	1.09
2018	9.59	0.63
2017	8.94	0.94
2016	8.68	0.8
2015	8.24	1.37
2014	8.63	1.07
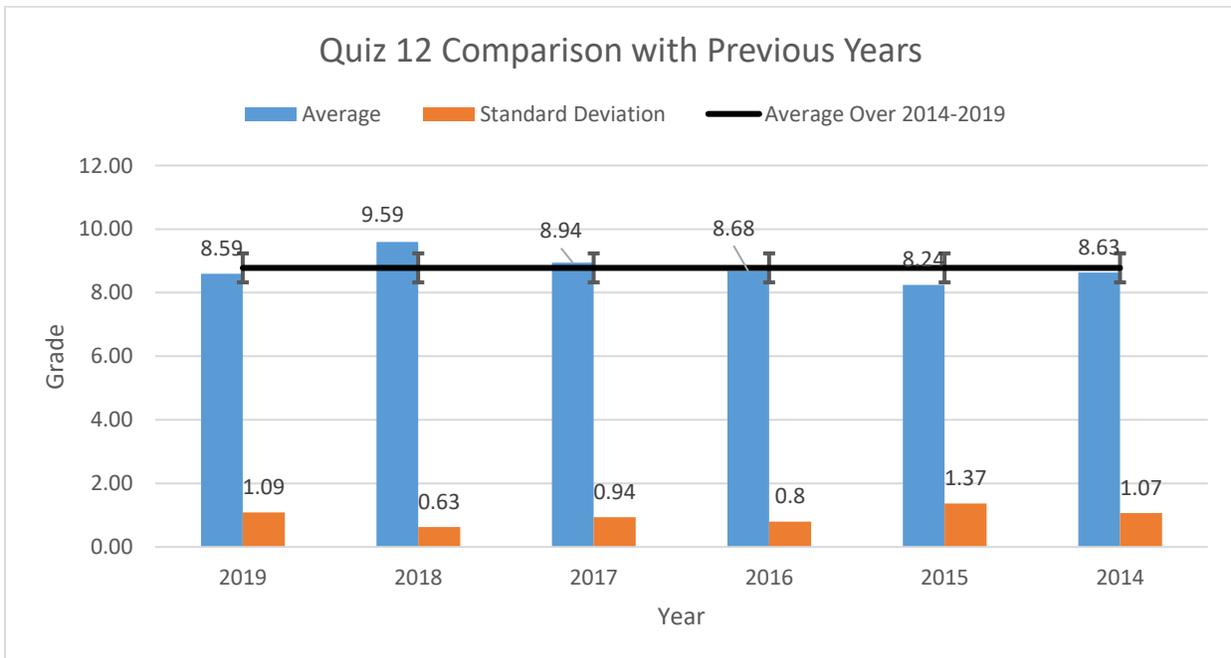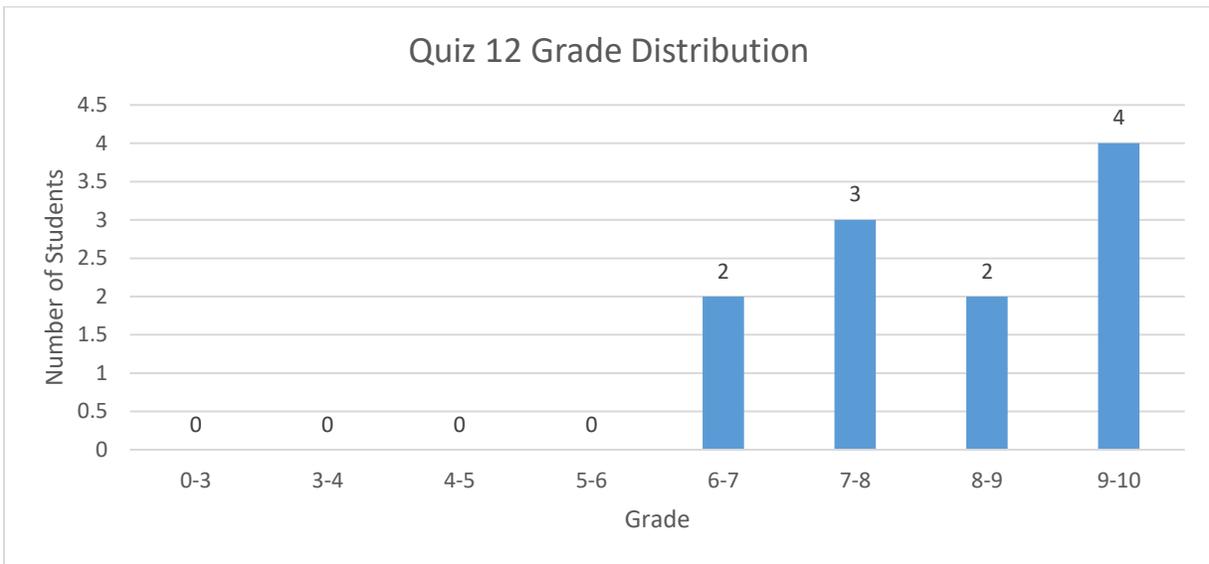
2. **Comments**

- One student multiply density to the dynamic viscosity to get kinematic viscosity.
  $\nu = \rho\mu$(x) $\nu = \mu/\rho$(o)
- Some of students indicated wrong Unit [Ex)Pa → N/m], or didn't indicated Unit.
- Several student could not use the velocity profile table correctly.
- Some of students considered only one surface of area when calculating Drag Force.
- A few of students thought that the flow is turbulent condition, so used wrong equation for this problem.